

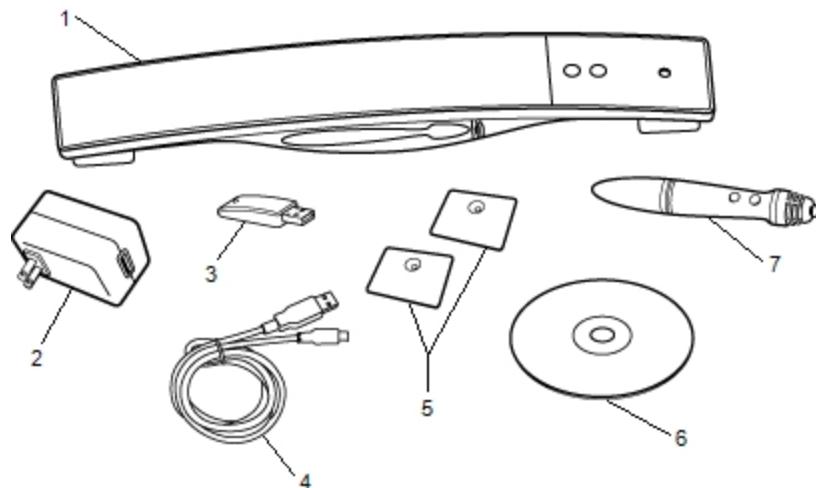
## Chapter 3

# MimioTeach

Using MimioTeach with a projector, you can deliver lessons and presentations directly from your whiteboard. Using MimioStudio Interactive mode, you control the movement of the cursor on your screen with the MimioTeach stylus, much like you would with a mouse at your computer.

### What's Included

The MimioTeach package contains the following items:



1	MimioTeach bar	5	Mounting plates
2	USB power adapter	6	MimioStudio DVD
3	MimioHub	7	MimioTeach stylus
4	USB cable		

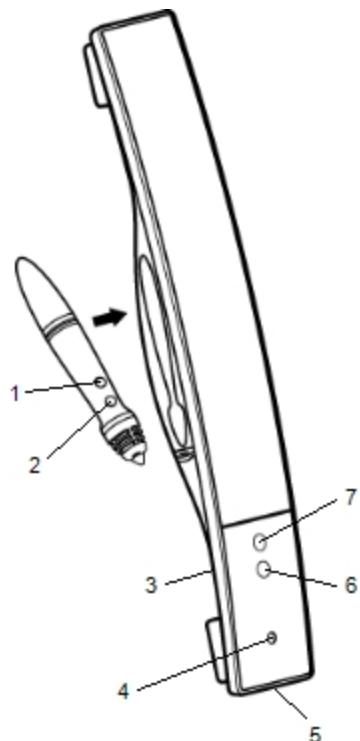
If you are missing any of the items above, contact Customer Support.

### About MimioTeach

You can use the MimioTeach bar and stylus in MimioStudio Interactive mode to deliver lessons and presentations.

You can also use the MimioTeach bar with MimioCapture to capture notes from your whiteboard into MimioStudio Notebook. For more information about using MimioTeach with MimioCapture, see [MimioCapture](#).

The following figure shows the major components of the MimioTeach.



1	Start Tools (button A)	5	USB/Power connector
2	Hover/Right-click (button B)	6	Launch
3	MimioHub dock	7	Calibrate
4	Power/Status light		

### Status Lights

The status light visually shows the status of the MimioTeach bar.

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Off	Not receiving power; USB/power cable is not connected or MimioTeach is turned off.
Solid Green	MimioTeach is connected and receiving power; MimioStudio software is running.
Flashing Green	MimioTeach is connected or connecting, and receiving power; MimioStudio software is not running.
Solid Amber	MimioTeach cannot find an available MimioHub.
Flashing Amber	MimioTeach is searching for an available MimioHub.

## About MimioStudio Tools

With the various presentation tools found in MimioStudio Tools you can focus your audience on a specific area of the screen by displaying only certain parts of the screen. You can also annotate the screen with the drawing tools available in MimioStudio Tools using the Screen Annotation feature.

For more information about MimioStudio Tools, see [Marking Up the Display Using Screen Annotations](#).

The following table describes the major components of MimioStudio Tools.

	Selection tool		Zoom
	Pen		Brush
	Text		Highlighter
	Line		Arrow End
	Arrow Start		Arrow Both
	Rectangle		Ellipse
	Triangle		Right Triangle
	Five Pointed Star		Hexagon
	Pentagon		Shape Recognition
	Eraser		Insert file
	Screen clipping		Color picker
	More colors		Object Fill
	Outline and Fill color		Thickness slider
	Color palette		Solid Line
	Dash Line		Dotted Line
	Transparency		Gallery
	Applications (see below)		Right-click
	Interactive		Mouse
	Screen Annotation		

From the Applications tool, you can access the following:

Reveal  
 Spotlight  
 Text Tools

Quick Vote  
 Recorder  
 View

Calculator  
 Magnify  
 Web Browser

## Getting Started

Review the following topics to install and start using your MimioTeach.

- Setting Up the MimioTeach Stylus
- Setting Up the MimioTeach Bar
- Setting Up Interactive Mode

## Setting Up the MimioTeach Stylus

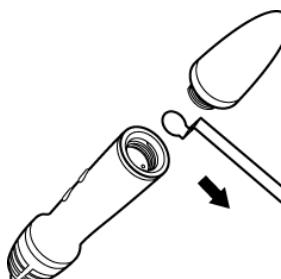
The MimioTeach stylus is powered by a rechargeable lithium-ion battery. The battery recharges whenever the stylus is docked on the MimioTeach bar.

### To set up the MimioTeach stylus

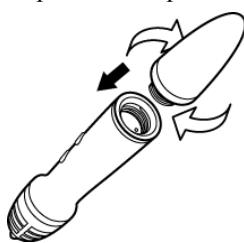
1. Turn the top of the stylus counter-clockwise to separate the top from the body of the stylus.



2. Remove the plastic strip from the stylus.



3. Replace the top onto the body of the stylus and turn clockwise to attach.



## Setting Up the MimioTeach Bar

The MimioTeach bar comes pre-linked to the included MimioHub. You can also use this MimioHub to connect other MimioClassroom devices to your computer, such as MimioVote.

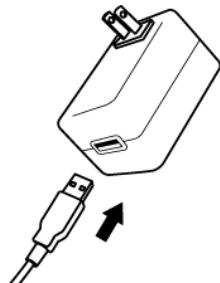
 When not in use, the MimioHub can be stored in the MimioHub dock on the back of the MimioTeach bar.

MimioTeach is powered using the included USB cable and power adapter.

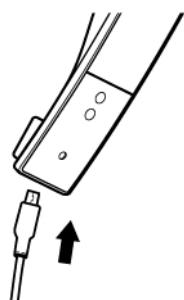
 Optionally, MimioTeach can be powered using three AAA batteries. For information about using batteries to power the MimioTeach bar, see Inserting the Batteries.

#### To set up the MimioTeach bar

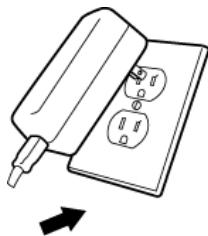
1. Plug the USB cable into the USB port on the power adapter.



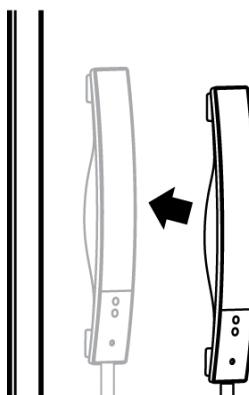
2. Plug the other end of the USB cable into the USB port on the MimioTeach bar.



3. Plug the power adapter into a power outlet.

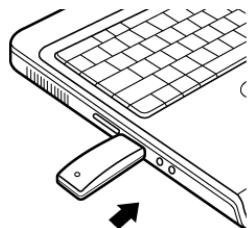


4. Place the MimioTeach bar along the left edge of the whiteboard as shown.



The MimioTeach bar attaches securely to any magnetic whiteboard. See Mounting MimioTeach to a Non-Magnetic Whiteboard for information about mounting the bar to a non-magnetic whiteboard.

5. Plug the MimioHub into an available USB port on your computer.



 If you do not want to connect the MimioTeach bar to your computer wirelessly, you can link the bar to your computer using the included USB cable without the power adapter. The bar will be powered by USB through your computer.

## Setting Up Interactive Mode

Using MimioStudio Interactive mode, you can deliver lessons and presentations directly from your whiteboard.

To use Interactive mode you need a projector, a MimioTeach-enabled whiteboard, and a MimioTeach stylus. Combined, these devices make for a powerful tool for delivering lessons and presentations.

## Projecting Your Desktop

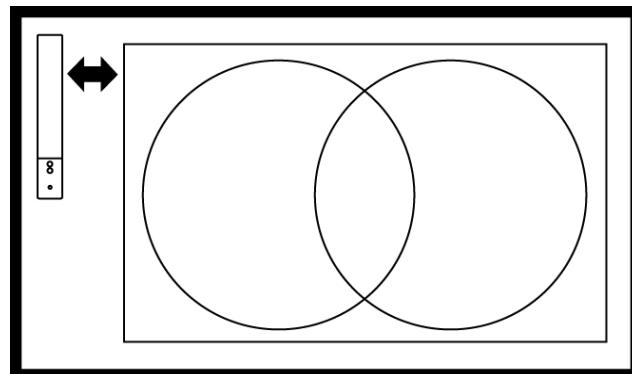
If you are presenting from a MimioStudio Notebook or another application, such as a PowerPoint presentation, you can open the application before or after Interactive mode is enabled and calibrated.

### To set up for Interactive mode

1. Project your desktop image onto your whiteboard.

Refer to your projector's documentation for instructions on how to project your desktop image.

2. Adjust the projected image to have a 2-inch to 3-inch buffer between the edge of your projection and your MimioTeach.



3. Click the MimioTeach Mouse anywhere on the whiteboard.

Interactive mode starts and the calibration screen appears.

#### To exit Interactive mode

- ▶ Do one of the following:

- Press the **Interactive** button, , twice on the MimioTeach bar.
- Start MimioStudio Tools, click **Interactive** , and then click **Exit**.
- Start MimioStudio Settings, select **Interactive**, and then click **Disable**.

See Customizing MimioStudio for information on how to access MimioStudio Settings.

#### Calibrating Interactive Mode

Each time Interactive mode is enabled, you are prompted to calibrate using the MimioTeach stylus.

When using a permanently installed whiteboard and projector, you do not need to recalibrate Interactive mode after the first session. See Adjusting the Interactive Settings.

#### To calibrate Interactive mode

1. If the calibration screen does not appear when you start Interactive mode, do one of the following:

- Start MimioStudio Tools, click the **Interactive** button, , and then click **Recalibrate**.
- Press the **Interactive** button, , on your MimioTeach bar.
- Start MimioStudio Settings, select **Interactive**, and then click **Calibrate**.

2. Press the MimioTeach stylus down on the whiteboard at the center of each of the nine calibration targets.

Make sure to hold the stylus perpendicular to the writing surface as you click.

The calibration target disappears and the next calibration target appears.

When the calibration screen disappears, Interactive mode is enabled.

## Using MimioTeach

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You can use the MimioTeach bar and stylus in MimioStudio Interactive mode to deliver lessons and presentations. In MimioStudio Interactive mode, you control the movement of the cursor on your screen with the MimioTeach stylus, much like you would with a mouse at your computer.

You can also use the various presentation tools found in MimioStudio Tools to focus your audience on a specific area of the screen by displaying only certain parts of the screen. And, you can annotate the screen with the drawing tools available in MimioStudio Tools using the Screen Annotation feature.

## Using the MimioTeach Stylus

In Interactive mode, the MimioTeach stylus can be used to control your desktop and interact with applications on your computer from your whiteboard.

The following table describes how to use the MimioTeach stylus to control your desktop from the whiteboard.

To execute	Do this
Left mouse click	Click in the projected area at the desired location with the tip of the stylus.
Double left mouse click	Quickly click twice in the projected area at the desired location with the tip of the stylus.
Right mouse click	Press the B button on the stylus, and then click in the projected area at the desired location with the tip of the stylus.
Hover	<ol style="list-style-type: none"> <li>1. Hold the stylus at the desired location, staying as close to the whiteboard as possible without touching it.</li> <li>2. Press the B button on the stylus.</li> <li>3. Move the stylus to the desired location.</li> <li>4. Release the B button on the stylus.</li> </ol>

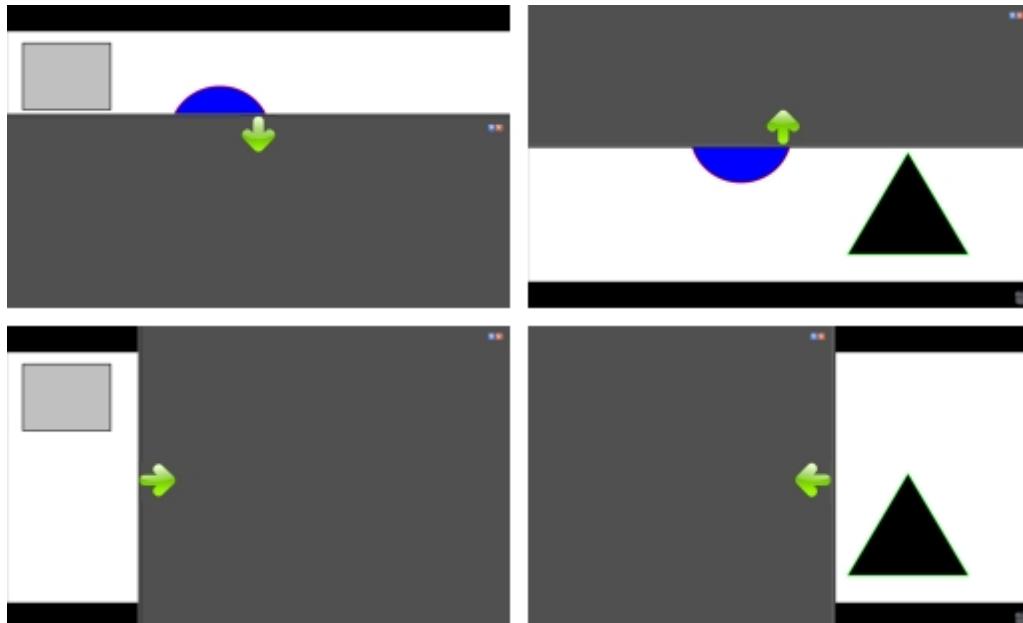
To change the functions of the MimioTeach stylus buttons, see Adjusting the Interactive Settings.

## Focusing Attention Using the Reveal and Spotlight Tools

The Reveal tool and the Spotlight tool help you to focus your audience on a specific area of the screen by keeping parts of the screen hidden.

### Using the Reveal Tool

The Reveal tool creates a *shade* that you can raise, lower, move left, and move right over the screen image, as if you are moving a shade up, down, or across the screen. You can then expose bullet points or other information progressively.



**To use the Reveal tool**

- ▶ Do one of the following:
  - From MimioStudio Tools, click the **Applications** button, , and then choose  **Reveal**.
  - (*Interactive mode only*) Press the **Launch** button, , on the MimioTeach bar, and then click  **Reveal** in the Launch window.

**To adjust the revealed area**

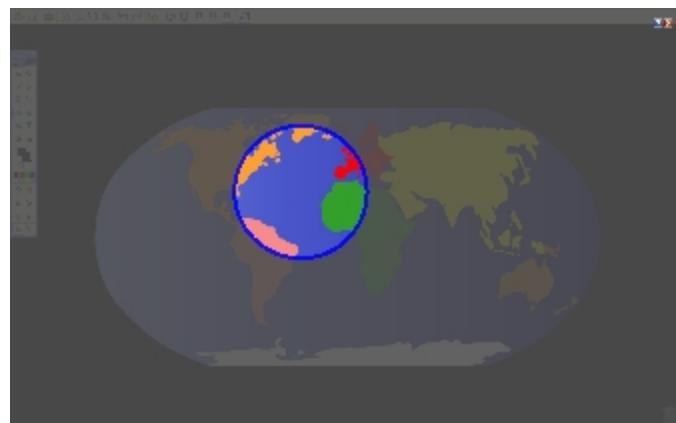
- ▶ Click inside the shaded area and drag down, up, left, or right to reveal more or less of the displayed area.

**To adjust the transparency of the Reveal tool**

1. Click , and then point to **Transparent**.
2. From the **Transparent** list, choose a percentage.  
A transparency of 0% means that the shaded area will be completely opaque.

**Using the Spotlight Tool**

The Spotlight tool masks the entire screen except for a small area, the spotlight. You can then focus audience attention on a specific area of the screen. The spotlight area can be reshaped, resized, and moved around the screen.

**To use the Spotlight tool**

1. Do one of the following:
  - From MimioStudio Tools, click the **Applications** button, , and then choose  **Spotlight**.
  - (*Interactive mode only*) Press the **Launch** button, , on the MimioTeach bar, and then click  **Spotlight** in the Launch window.
2. Click the shaded area outside of the spotlight border and drag the spotlight to the desired location.

**To adjust the shape of the spotlight**

1. Click , and then point to **Shape**.
2. From the **Shape** list, choose a shape for the spotlight.

**To resize the spotlight**

1. Click , and then point to **Size**.
2. From the **Size** list, choose a spotlight size.



You can also resize the spotlight by dragging the colored border of the spotlight until the spotlight is the desired size.

#### To adjust the spotlight transparency

1. Click , and then point to **Transparent**.
2. From the **Transparent** list, choose a transparency percentage.

A transparency of 0% means that the shaded area will be completely opaque.

## Marking Up the Display Using Screen Annotations

Screen Annotation mode allows you to annotate applications, web pages, and images. When in Annotation mode, a green border with a faded edge appears around your desktop.

When you exit from Screen Annotation mode, all annotations are cleared from the whiteboard and automatically archived in the Screen Annotations folder in MimioStudio Gallery.

### Enabling Screen Annotation Mode

#### To enable Screen Annotation mode

1. Do one of the following
  - From MimioStudio Tools, click the **Screen Annotation** button, , to freeze your current desktop image.
  - (*Interactive mode Only*) Press the **Launch** button, , on the MimioTeach bar, and then click  **Screen Annotation** in the Launch window.  
A green border with a faded edge appears around your desktop.
2. Annotate the screen using MimioStudio Tools.  
All object, drawing, and manipulation features in MimioStudio Tools are available in Screen Annotation mode.

#### To exit Screen Annotation mode

► Do one of the following:

- From MimioStudio Tools, click the **Mouse** button, , to “unfreeze” the screen.
- (*Interactive mode only*) Press the **Launch** button, , on the MimioTeach bar, and then click  **Screen Annotation** in the Launch window.

#### To disable the Annotation mode border

1. Right-click  in the notification area of the taskbar and choose  **Settings**.
2. Select  **Notebook** from the **MimioStudio Settings** dialog box.
3. Under **General**, clear the **Enable fullscreen border (Screen Annotation only)** check box.
4. Click **OK** to save the settings.

## Annotating the Screen Using MimioStudio Tools

MimioStudio Tools are used to annotate the screen. All object, drawing, and manipulation features in MimioStudio Tools are available in Screen Annotation mode.

Once you select a drawing tool, that tool remains selected until you select a different drawing tool or the selection tool.

See Manipulating Objects for a complete description of manipulating objects.

All of the functions and features of the MimioStudio drawing tools that are available in MimioStudio Notebook are available in Screen Annotation mode.

#### To use the freehand pen

1. Click the **Pen** button, .
2. (Optional) To adjust the line width, drag the Thickness slider.
3. (Optional) To adjust the line color, do one of the following:
  - Select a color from the Color Palette.
  - Click , and then select a color from the **Color** dialog box.
  - Click , and then select a color from the desktop.
4. (Optional) To adjust the transparency of the line, click the **Transparency** button, , and then choose a transparency percentage.
5. Place the cursor where you want the ink stroke to start on the page.
6. Drag the cursor to draw ink strokes.

#### To use the freehand brush

1. Click the **Brush** button, .
2. (Optional) To adjust the line width, drag the Thickness slider.
3. (Optional) To adjust the line color, do one of the following:
  - Select a color from the Color Palette.
  - Click , and then select a color from the **Color** dialog box.
  - Click , and then select a color from the desktop.
4. (Optional) To adjust the transparency of the line, click the **Transparency** button, , and then choose a transparency percentage.
5. Place the cursor where you want the brush stroke to start on the page.
6. Drag the cursor to draw brush strokes.

#### To highlight a portion of the display

1. Click the **Highlighter** button, .
2. (Optional) To adjust the highlighter width, drag the Thickness slider.
3. (Optional) To change the color, do one of the following:
  - Select a color from the Color Palette.
  - Click , and then select a color from the **Color** dialog box.
  - Click , and then select a color from the desktop.
4. Place the cursor where you want the highlight stroke to start on the page.
5. Drag the cursor over the area you want to highlight.

#### To erase ink and highlighting

1. Click the **Eraser** button, .
2. (Optional) To adjust the eraser width, drag the Thickness slider.
3. Drag the cursor over the ink or highlighter strokes you want to erase.

**To add a line or shape**

1. Click the line type or shape you want to add.
2. (Optional) To adjust the line or outline width, drag the Thickness slider.
3. (Optional) To change the line or outline color, select the Outline Color box, and then do one of the following:
  - Select a color from the Color Palette.
  - Click , and then select a color from the **Color** dialog box.
  - Click , and then select a color from the desktop.
4. (Optional) To adjust the fill color, select the Fill Color box, and then do one of the following:
  - Select a color from the Color Palette.
  - Click , and then select a color from the **Color** dialog box.
  - Click , and then select a color from the desktop.
5. To change the line or outline style, click  and choose one of the following:
  -  **Solid Line**
  -  **Dash Line**
  -  **Dotted Line**
6. (Optional) To adjust the transparency of the line or shape, click the **Transparency** button, , and then choose a transparency percentage.
7. Place the cursor where you want the line or shape to start on the page.
8. Drag the cursor to draw the line or shape.

**To add formatted text**

1. Click the **Text** button, .
2. Place the cursor where you want the text to start on the page.  
For a fixed width text box, place the cursor where you want the text box to start on the page and then drag to the desired width.
3. Select a font style, size, color, and an alignment option for the text.
4. Enter text in the text box.

**To draw a shape**

1. Click the **Shape Recognition** button, .
2. (Optional) To adjust the outline width, drag the Thickness slider.
3. (Optional) To change the outline color, select the Outline Color box, and then do one of the following:
  - Select a color from the Color Palette.
  - Click , and then select a color from the **Color** dialog box.
  - Click , and then select a color from the desktop.
4. (Optional) To adjust the fill color, select the Fill Color box, and then do one of the following:

- Select a color from the Color Palette.
- Click , and then select a color from the **Color** dialog box.
- Click , and then select a color from the desktop.

5. To change the line or outline style, click  and choose one of the following:

-  **Solid Line**
-  **Dash Line**
-  **Dotted Line**

6. (Optional) To adjust the transparency of the shape, click the **Transparency** button, , and then choose a transparency percentage.

7. Place the cursor where you want the shape to start on the page.

8. Drag the cursor to draw the shape.

 The Shape Recognition tool can be used to draw circles, ellipses, triangles, rectangles, squares, and lines.

### Clearing All Annotations from the Display

When you exit Screen Annotation mode, all annotations are cleared from the display and all annotations are automatically preserved as a snapshot of the display. See Working with Saved Annotation Snapshots for information about reviewing and using the snapshots.

## Inserting Text Into an Application Using MimioStudio Text Tools

You can enter text into any text-entry box or page using the MimioStudio Text Tools. The Text Tool has three modes for entering text:

- On-Screen Keyboard allows you to enter text through an on-screen keyboard application.
- Write Anywhere allows you to enter text by writing anywhere on the screen. Your handwriting is automatically converted into text and entered into the current application.

 Write Anywhere is only available on Windows XP 32-bit.
- Writing Pad allows you to enter text through a small on-screen writing pad. Your handwriting is automatically converted into text and input into the current application.

In addition, Write Anywhere and Writing Pad also support gesture recognition, which allows handwritten shortcuts to be automatically recognized as commonly used keys.

### To access MimioStudio Text Tools

1. From MimioStudio Tools, click the **Applications** button, , and then choose  **Text Tools**.
2. Right-click the **Text Tools** icon , , or  in the notification area of the Windows taskbar.
3. Choose the Text Tool that you want to use.
  -  **Keyboard** to enable the On-Screen Keyboard.
  -  **Write Anywhere** to enable Write Anywhere.
  -  **Writing Pad** to enable Writing Pad.

**To disable MimioStudio Text Tools**

- ▶ Do one of the following:
  - Click the **Text Tools** icon  or  in the notification area of the taskbar.
  - From MimioStudio Tools, click the **Applications** button , and then choose  **Text Tools**.

**Using the On-Screen Keyboard**

You can enter text into any application using the On-Screen Keyboard.

**To use the On-Screen Keyboard**

1. Start the On-Screen Keyboard.
2. Click in the text-entry box or on the page where you want to enter the text.
3. Using your mouse or MimioTeach stylus, press the virtual keys on the on-screen keyboard.

The text is entered into the text-entry box or on the page that you selected.

**Using Write Anywhere**

With Write Anywhere you can enter text into any text-entry box or page, by writing anywhere on the screen with the MimioTeach stylus while in Interactive mode. You can also use Write Anywhere with your mouse or other input device from your computer.



Write Anywhere is only available on Windows XP 32-bit.

**To use Write Anywhere**

1. Start Write Anywhere.  
The Write Anywhere on-screen buttons appear.
2. Click in the text-entry box or on the page where you want to enter the text.
3. Using your mouse or MimioTeach stylus, write anywhere on the screen.  
Your handwriting is automatically converted to text and entered into the text-entry box or on the page that you selected.
4. Use the on-screen buttons for commonly used keys.

Button	Description
	Backspace
	Enter
	Tab
	Space

Write Anywhere also supports gesture recognition for commonly used keys. See Using Gesture Recognition.

## Using Writing Pad

With Writing Pad you can enter text through a small on-screen writing pad using the MimioTeach stylus while in Interactive mode. You can also use Writing Pad with your mouse or other input device from your computer.

### To use Writing Pad

1. Start Writing Pad.  
The on-screen writing pad appears.
2. Click in the text-entry box or on the page where you want to enter the text.
3. Using your mouse or MimioTeach stylus, write within the yellow space of the on-screen writing pad.  
Your handwriting is automatically converted to text and entered into the text-entry box or on the page that you selected.
4. Use the on-screen buttons for commonly used keys.

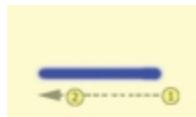
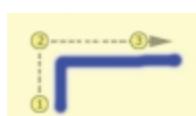
Button	Description
	Backspace
	Enter
	Tab
	Space

Writing Pad also supports gesture recognition for commonly used keys. See Using Gesture Recognition.

## Using Gesture Recognition

With gesture recognition, handwritten shortcuts are automatically recognized as commonly used keys. Both Write Anywhere and Writing Pad support gesture recognition.

The following table describes how to use gestures to perform common functions.

To press	Do this	
Backspace	Draw a line from right to left.	
Enter	Draw a connected line from top to bottom and then from right to left.	
Tab	Draw a connected line from bottom to top and then from left to right.	
Space bar	Draw a connected line from top to bottom and then from left to right.	

## Using the Web Browser, Calculator, and Magnify Tools

MimioStudio Tools includes shortcuts for accessing a Web browser, a calculator, and a magnifier.

### To use the tools

1. Start MimioStudio Tools.
2. Click the **Applications** button, , choose **More Tools**, and then choose one of the following tools:
  -  Calculator
  -  Magnify
  -  Web Browser

## Recording Desktop Actions and Audio in Interactive Mode

Using MimioStudio Recorder, you can record your interactions into an AVI movie file, with or without audio. See Using MimioStudio Recorder for more information on how to use MimioStudio Recorder.

## Caring for MimioTeach

Review the following topics for information about cleaning, inserting the batteries, and permanently mounting your MimioTeach.

- Cleaning MimioTeach
- Inserting the Batteries
- Mounting MimioTeach to a Non-Magnetic Whiteboard

## Cleaning MimioTeach

MimioTeach is designed to give you long and trouble-free service while requiring very little maintenance.

You can easily clean your MimioTeach using the following items:

- Lint-free cloth.
- Isopropyl alcohol, diluted dishwashing detergent, or diluted glass cleaner.

 If you use glass cleaner, make sure it does not contain ammonia.

### To clean the MimioTeach bar and stylus

1. Disconnect the USB cable from the MimioTeach bar.
2. Use the lint-free cloth to wipe the exterior of the MimioTeach bar and stylus.
3. Remove dirt and smudges with one of the cleaning solutions mentioned above.  
 Avoid using liquids on any exposed charging contacts. Do not allow liquid into any openings on the equipment.
4. Reconnect the USB cable.

## Inserting the Batteries

MimioTeach is powered using the included USB cable and power adapter. Optionally, MimioTeach can be powered using three AAA batteries.

### To insert the batteries

1. Press down and slide off the battery compartment cover.
2. Insert three AAA batteries into the battery compartment.
3. Replace the battery compartment cover.

 Remove the batteries if the MimioTeach bar will not be used for a long period of time.

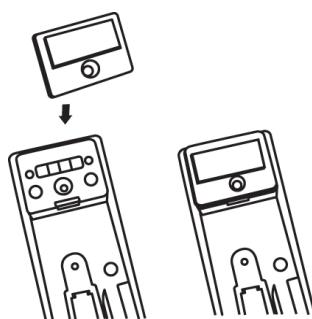
## Mounting MimioTeach to a Non-Magnetic Whiteboard

The MimioTeach bar attaches securely to any magnetic whiteboard. If you do not have a magnetic whiteboard, you can mount the MimioTeach bar to your whiteboard using the included metal plates.

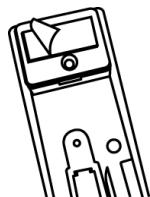
 If you are installing both MimioTeach and MimioCapture, you must mount MimioCapture before mounting MimioTeach. This will ensure proper placement of the MimioTeach bar. See Mounting MimioCapture to a Non-Magnetic Whiteboard for information on mounting MimioCapture.

### To mount MimioTeach to a non-magnetic whiteboard

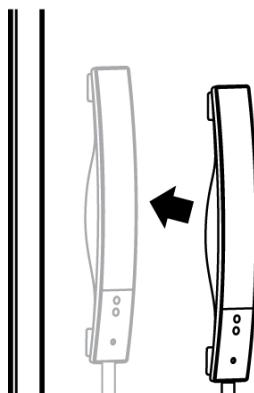
1. Place the metal plates against the back of the MimioTeach bar as shown.  
Make sure that the recess on each plate is inserted into the recess on the back of the MimioTeach bar.



2. Remove the paper backing from the adhesive strips to expose the adhesive.



3. Press the MimioTeach bar firmly along the left edge of the whiteboard as shown.



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